

ERIC QUELCH

Software Developer

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519-802-2824 London Ontario, Canada

OBJECTIVE

To obtain a full-time position as a software engineer to develop, maintain and design web-based applications.

EDUCATION

Fanshawe College, London Ontario Canada — 2019 - 2022

Ontario Graduates Diploma — Internet Applications and Web Development (3.3 GPA)

DEVELOPER SKILLS

- Extensive experience with JavaScript and TypeScript.
- Capable of working with Python, Java, PHP and C#.
- Has extensive knowledge of React, NextJS, VueJS and NuxtJS for building component or template-based user interfaces.
- Able to design performant user interfaces using memoizing techniques.
- Has experience designing custom hooks, higher-order functions and polymorphic components.
- Experienced with state management libraries such as Vuex, Redux or React Context.
- Experience with designing client-side, server-side or static generated web applications.
- Able to design RESTful APIs with Node.js and Django with some experience using Ruby On Rails.
- Familiar with Netlify, Vercel, Firebase and Heroku services to deploy various APIs or web applications.
- Possesses experience with Azure, AWS, and Linode to deploy various server-based applications.
- Experience with Figma and Adobe Photoshop to design mock interfaces to utilize with designs.
- Well acquainted with Git, GitHub, Docker, Bitbucket, Atlassian, and Jira for source management and project planning and control.
- Experienced with using Firestore or MongoDB for creating NoSQL modelled databases.
- Familiar with using Postgres or MySQL for applications with strong relational data structures.
- Capable of using various object-relational modelling libraries and frameworks.
- Is educated with WordPress and other content management systems.
- Capable of using AJAX or other methods to send and receive data from the client.
- Familiar with ThreeJS, React Framer Motion, React Spring and GSAP for creating additional animations for front-end applications.
- Capable of styling user interfaces with CSS or Sass or various styling libraries such as TailwindCSS, Bulma, Bootstrap, Material UI, and Chakra.

RELATIVE EXPERIENCE

JavaScript Tutor, Fanshawe College; London, ON — 2020 - 2021

- Designed customized materials based on students' interests.
- Collaborated with students to complete homework assignments, identify lagging skills and assisted with correcting weaknesses.
- Composed engaging lesson plans, allowing students to further their understanding of complex material, boosting motivation and session preparation for students.
- Planned sessions and allowed time to strengthen weak subjects and build skills.

PERSONAL PROJECTS

Vue Writer

- Over 7000 downloads
- Used on over 30 websites
- <http://npmjs.com/package/vue-writer>

AOS Vue

- Has over 2000 downloads
- Used on over 20 websites
- <http://npmjs.com/package/aos-vue>

Mdote

- Markdown-based note editor.
- <http://mdote.netlify.app>

ADDITIONAL WORK EXPERIENCE

- Technician Supervisor, Kal Tire; London, ON — 2019 - 2021
- Cashier, The Beer Store; Brantford, ON — 2018 - 2019
- Technician, Cainsville Tire; Brantford, ON — 2014 - 2018